

REF

REFLECTIVITY IMAGES

This button, when pressed, displays a reflectivity pop-up menu (Figure 2.8) from which you can choose a reflectivity image or a **composite reflectivity image** of the data on the current volume scan and sweep.

The Reflectivity Image Menu is a pop-up menu that remains displayed and activated until you press the **CLOSE** button.



Figure 2.8:
The Reflectivity Menu

Reflectivity

REF: Reflectivity (dBZ) Image Window

This button, when depressed (activated), displays an image depicting the base data radar reflectivity field on the current volume scan and sweep. (Figure 2.9)

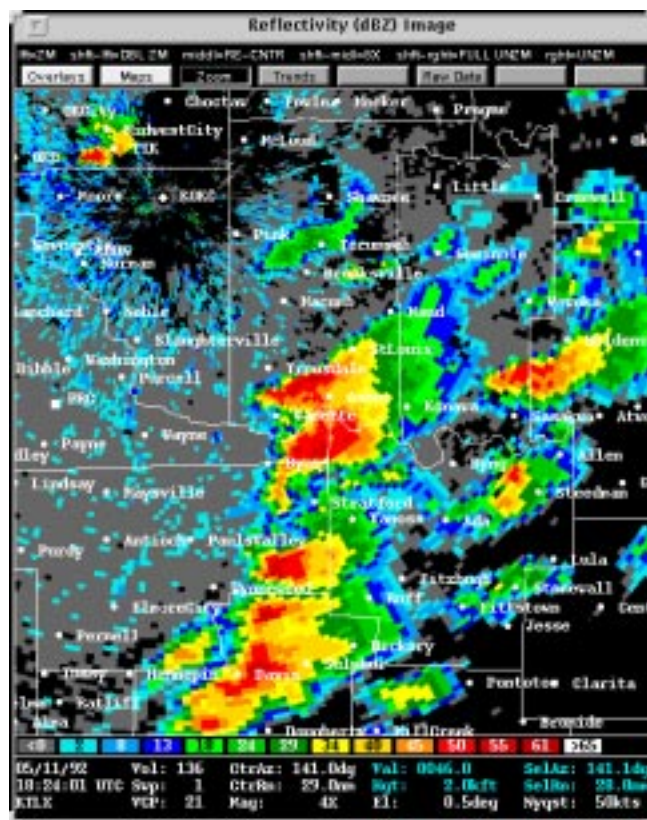


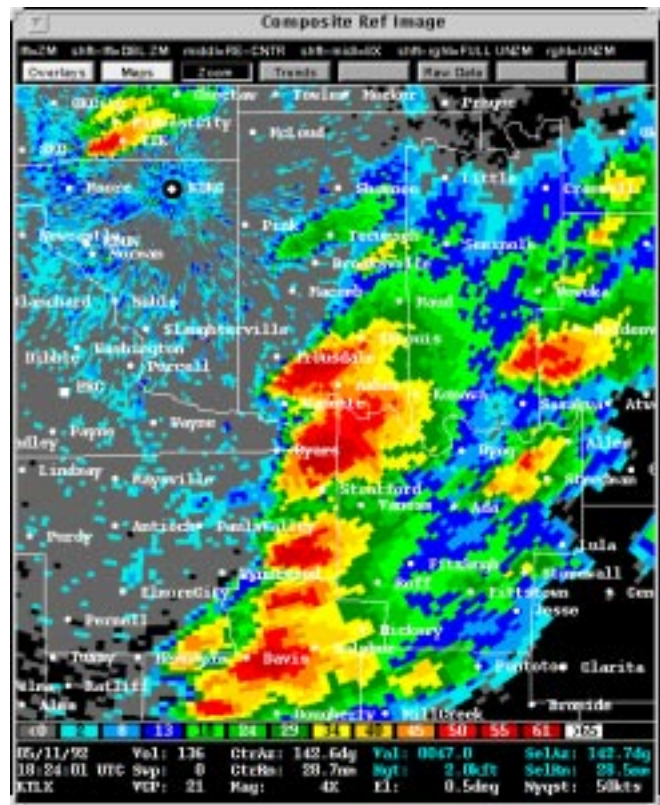
Figure 2.9: An example Reflectivity (dBZ) image for one sweep of a volume scan.

Comp Refl

Comp Refl: Composite Reflectivity Image Window

This button, when depressed (activated), displays the composite reflectivity image for the current volume scan. Composite reflectivity is a derived product which shows the maximum reflectivity in the vertical column overlaying each grid. (Figure 2.10)

Figure 2.10 : An example Composite Reflectivity image window. The volume scan to derive this image used is the same as in [Figure 2.9](#).



TEMPLATE IMAGES

Template

TEMPLATE IMAGES

Template: Template Image Window

When depressed (activated), this button displays a "blank" template image window with a plain black background and no base data. This image may be used for close examination of product overlays, maps, and meteorological algorithm icons. Templates are separate image windows and may be activated and displayed next to any other type of image. An example template image window is shown in Figure 2.11.

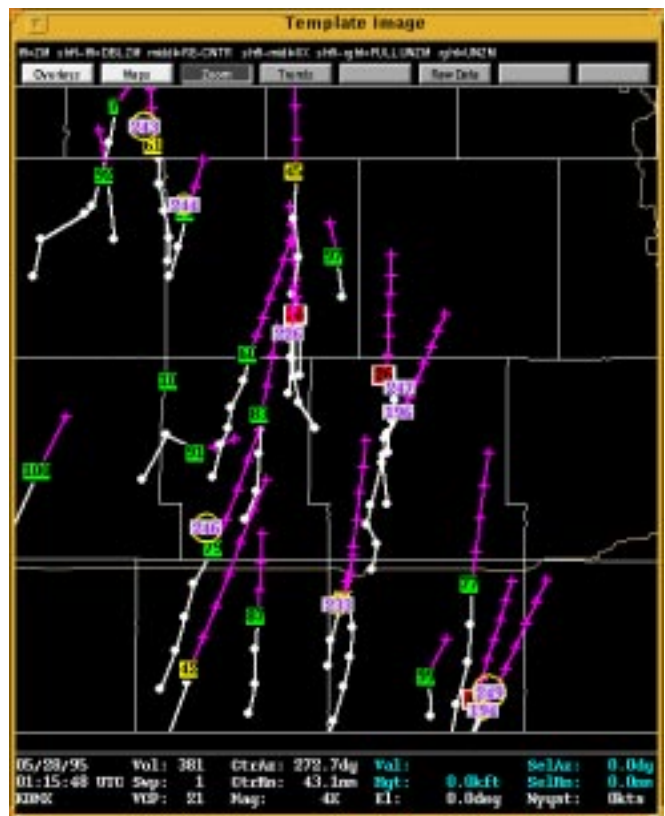
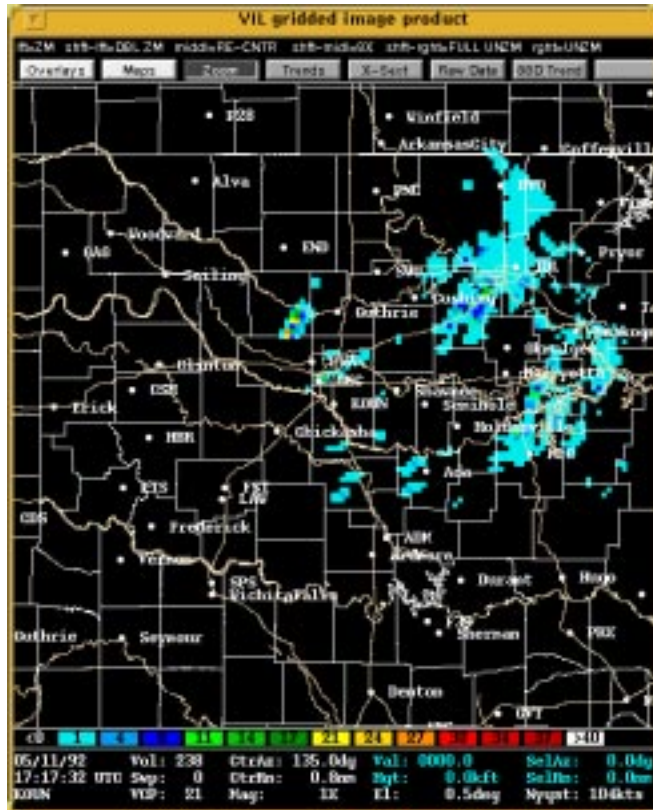


Figure 2.11 : An example Template Image.

VERTICALLY INTEGRATED LIQUID IMAGES (VIL)

RADS displays Vertically Integrated Liquid Images (VIL) from the **WSR-88D Build 10.0 VIL Algorithm**.



VIL

VIL: VIL Image Window

This button, when depressed (activated), displays an image depicting the vertically Integrated Liquid (VIL) field for the current volume scan. (Figure 2.12)

Figure 2.12: An example Vertically Integrated Liquid image for one volume scan.

Precipitation Images

PRECIP PRECIP: Precipitation Image Menu

The precipitation images are created using output from the **WSR-88D Precipitation Processing Subsystem Algorithm**. They are accessed from the **PRECIP** image menu on the **Control Panel**. Images displaying total precipitation for one-hour and three-hour time intervals are available, as well as a "Storm Total" image for the total precipitation accumulation of a storm. The various types of precipitation images are available in the PRECIP image menu (Figure 2.13).

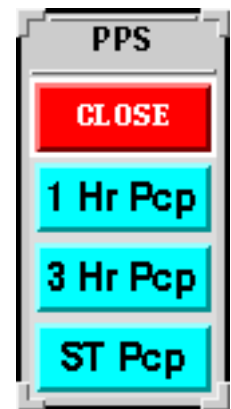
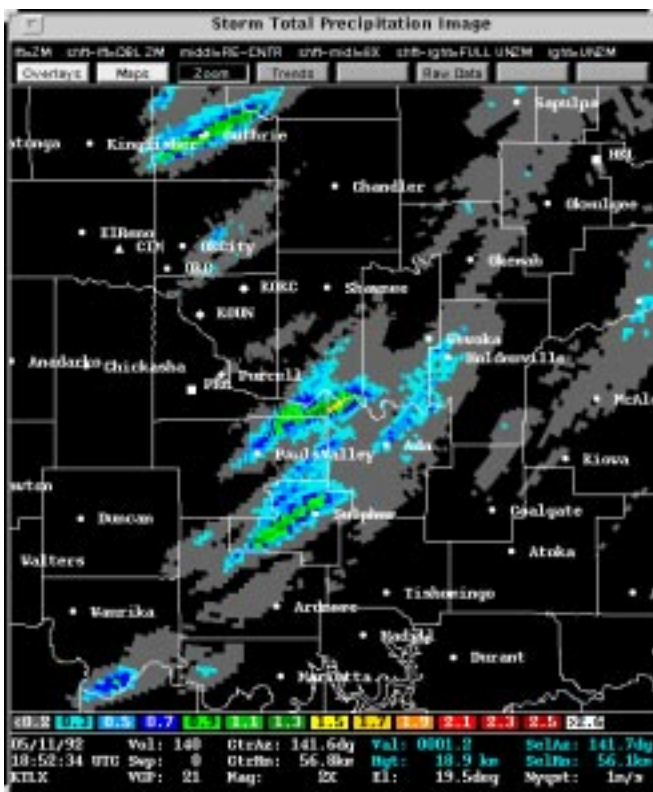


Figure 2.13:
Precipitation
image window



Total Precip "resets" when the reflectivity field does not contain significant precipitation echoes. An example Storm-Total image is displayed in Figure 2.14.

Figure 2.14: An example Storm Total
Precipitation image.